

FIG. 1

FIG.2

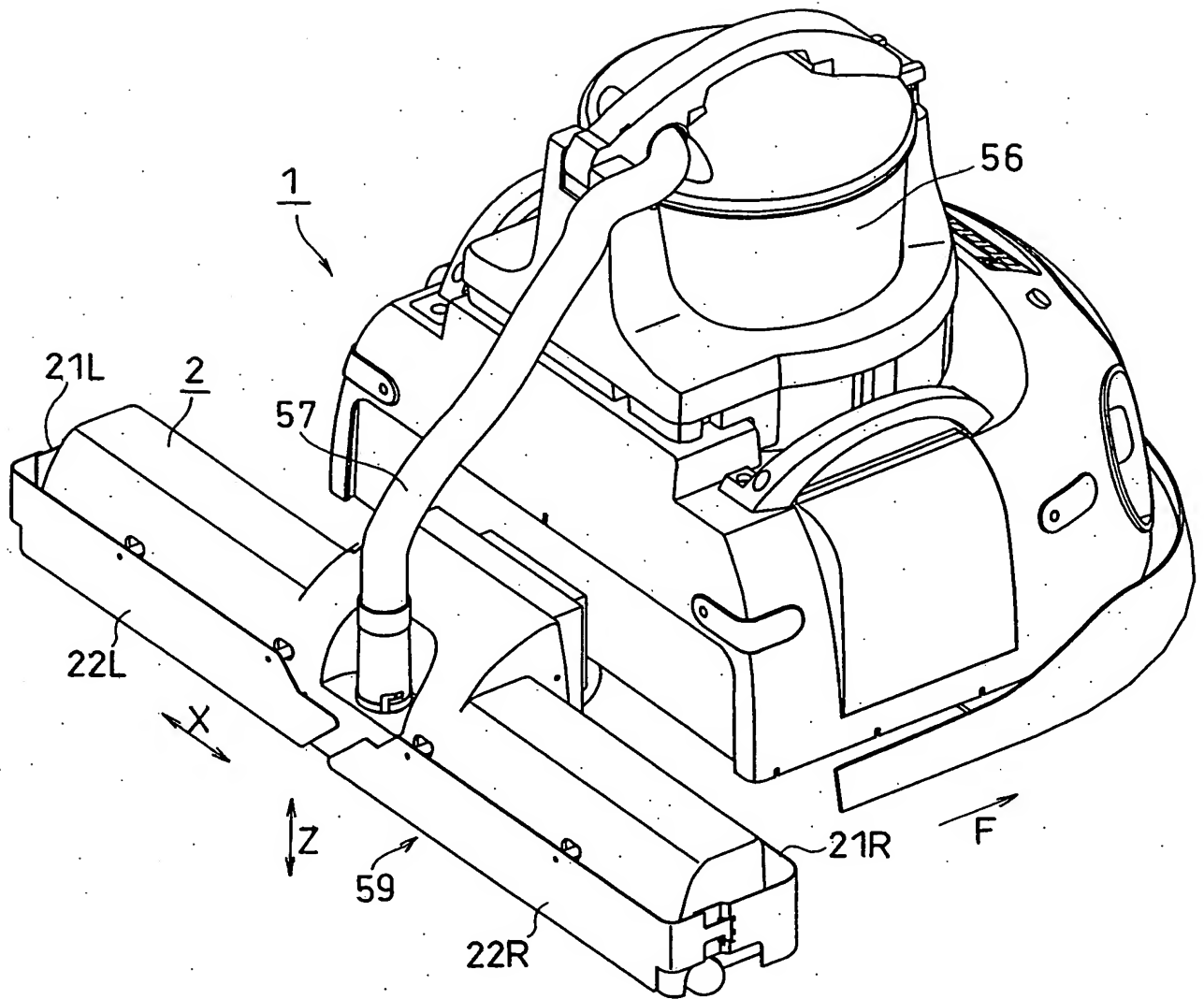


FIG. 3

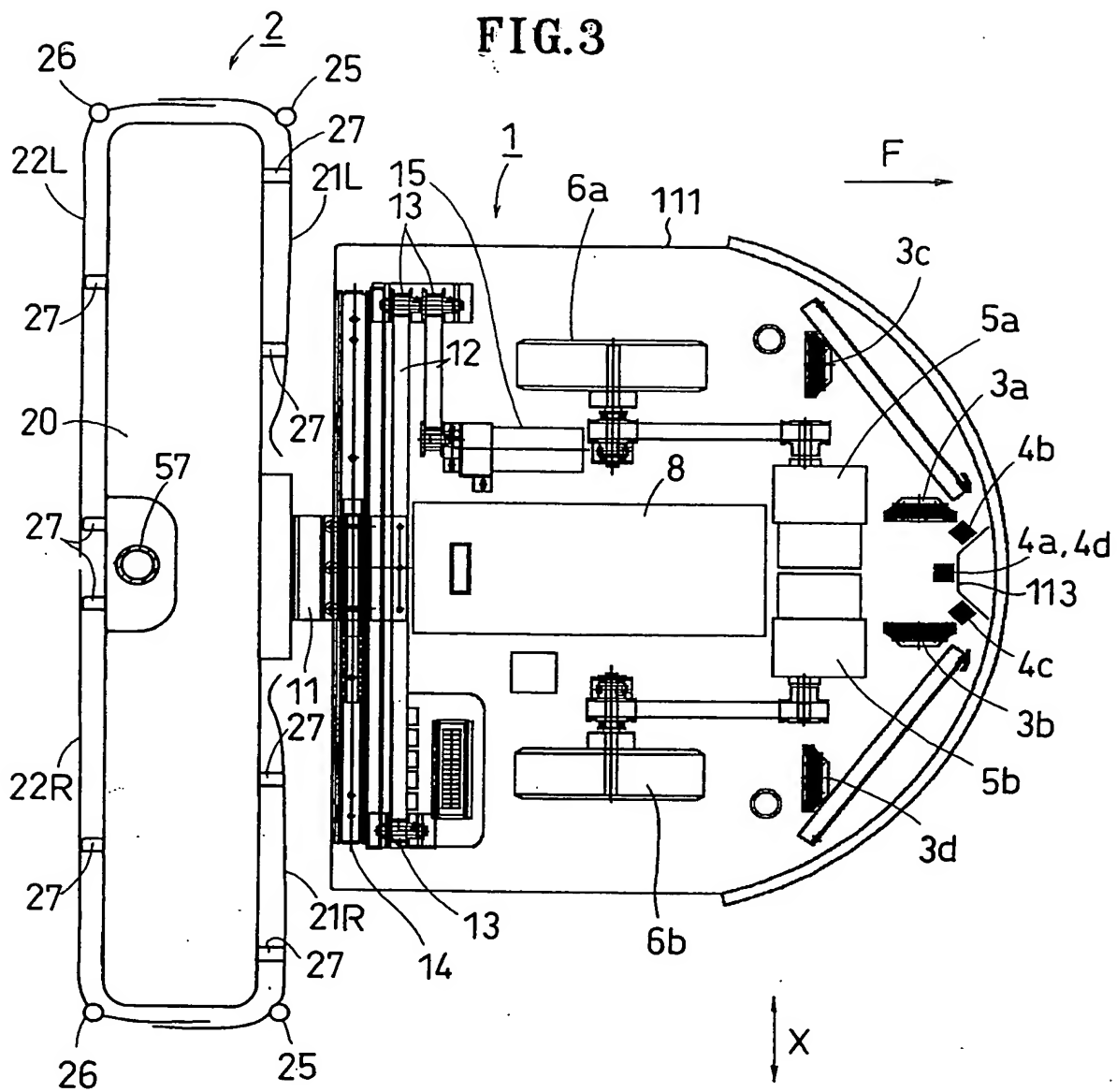


FIG. 4

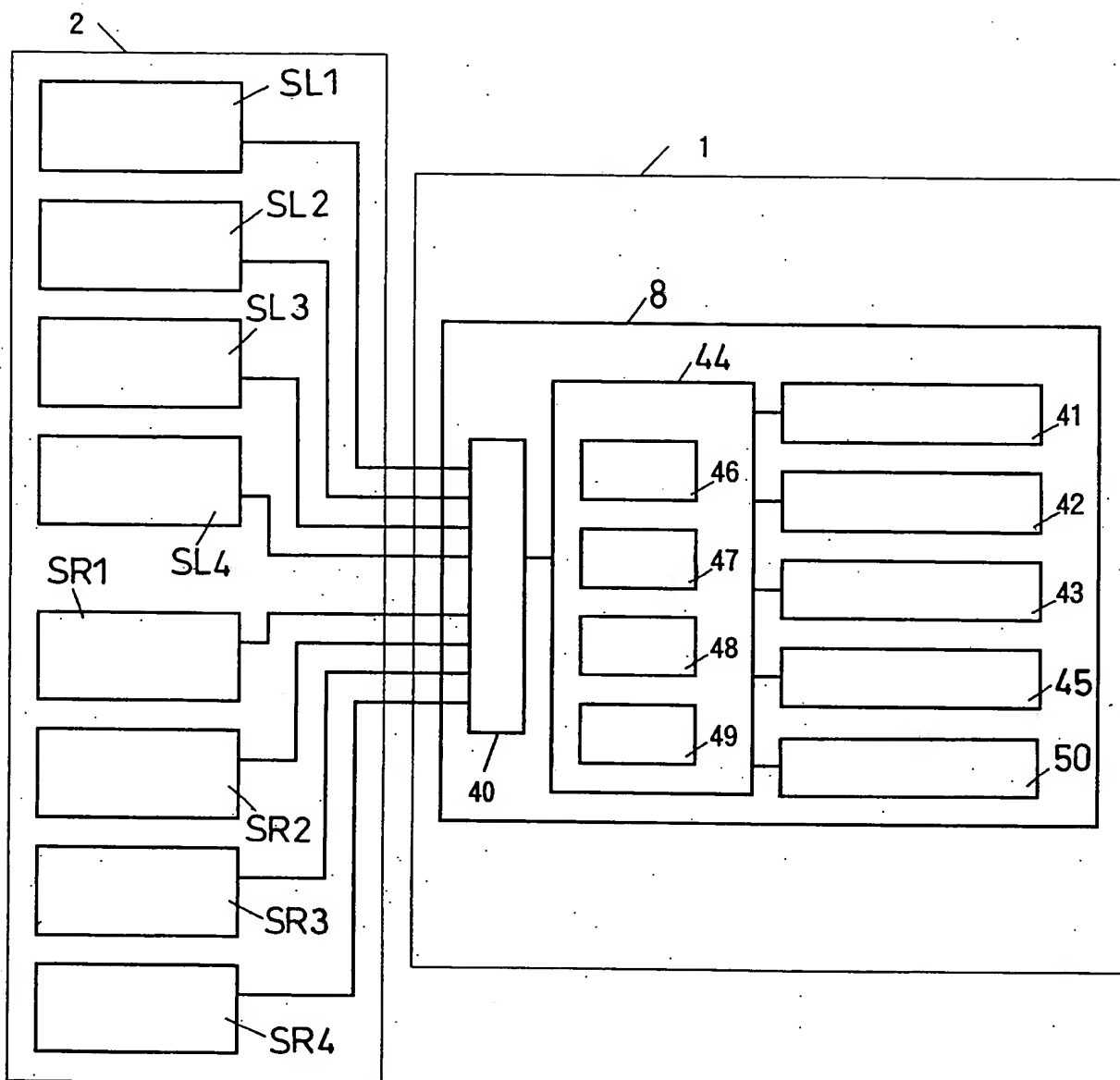


FIG. 5

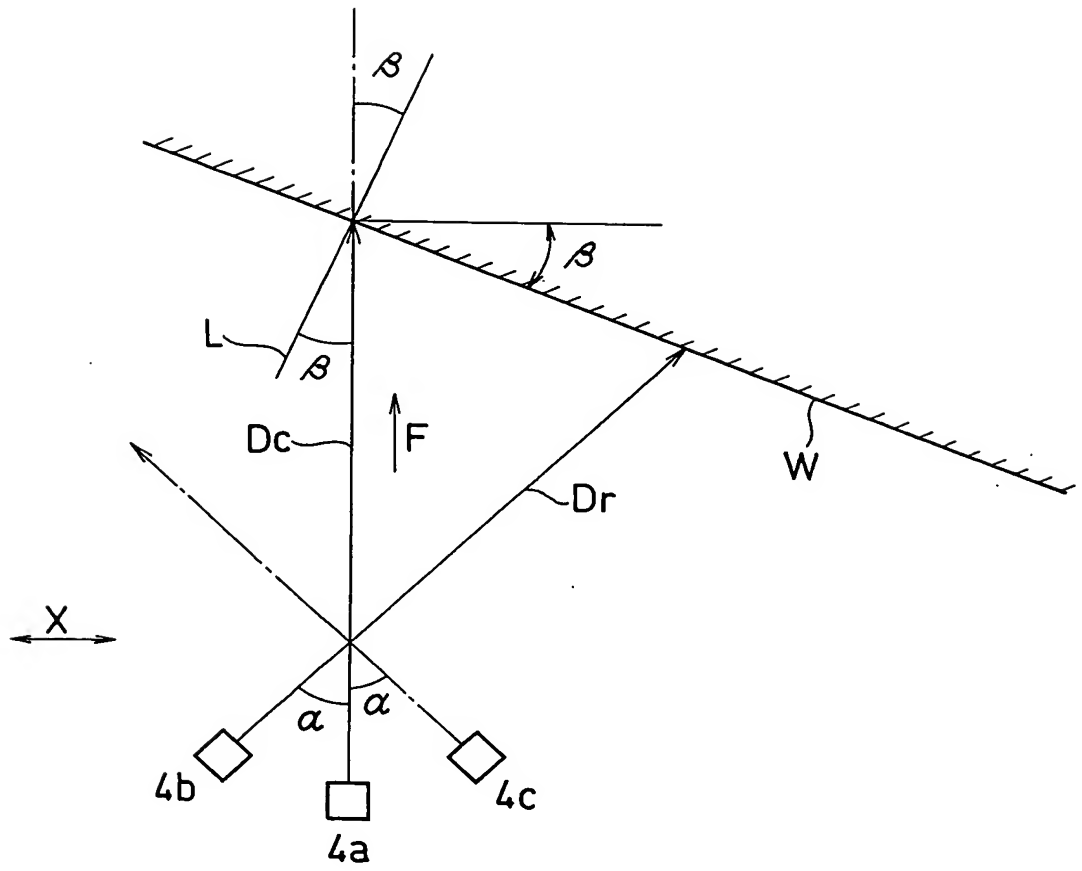


FIG. 6

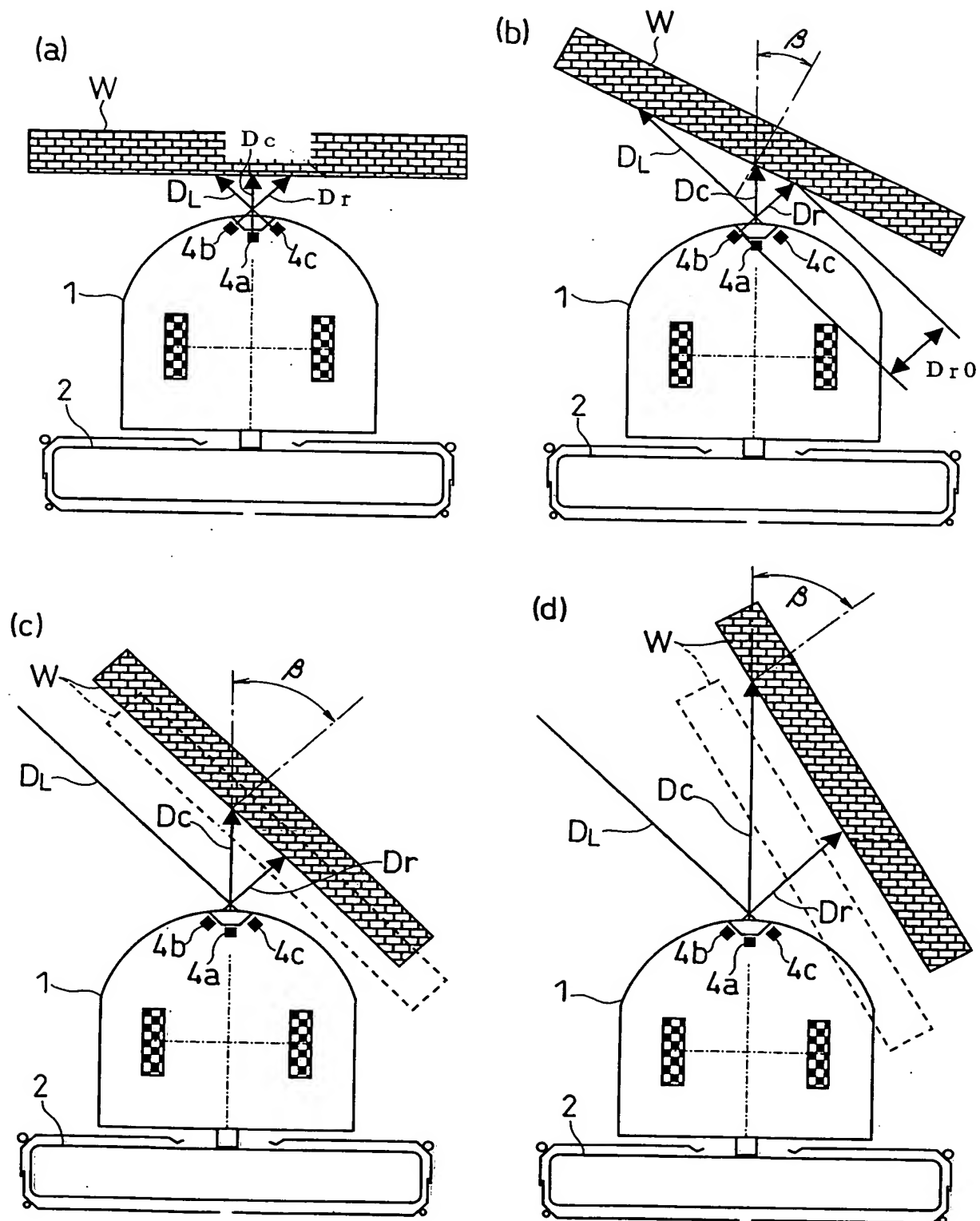


FIG. 7

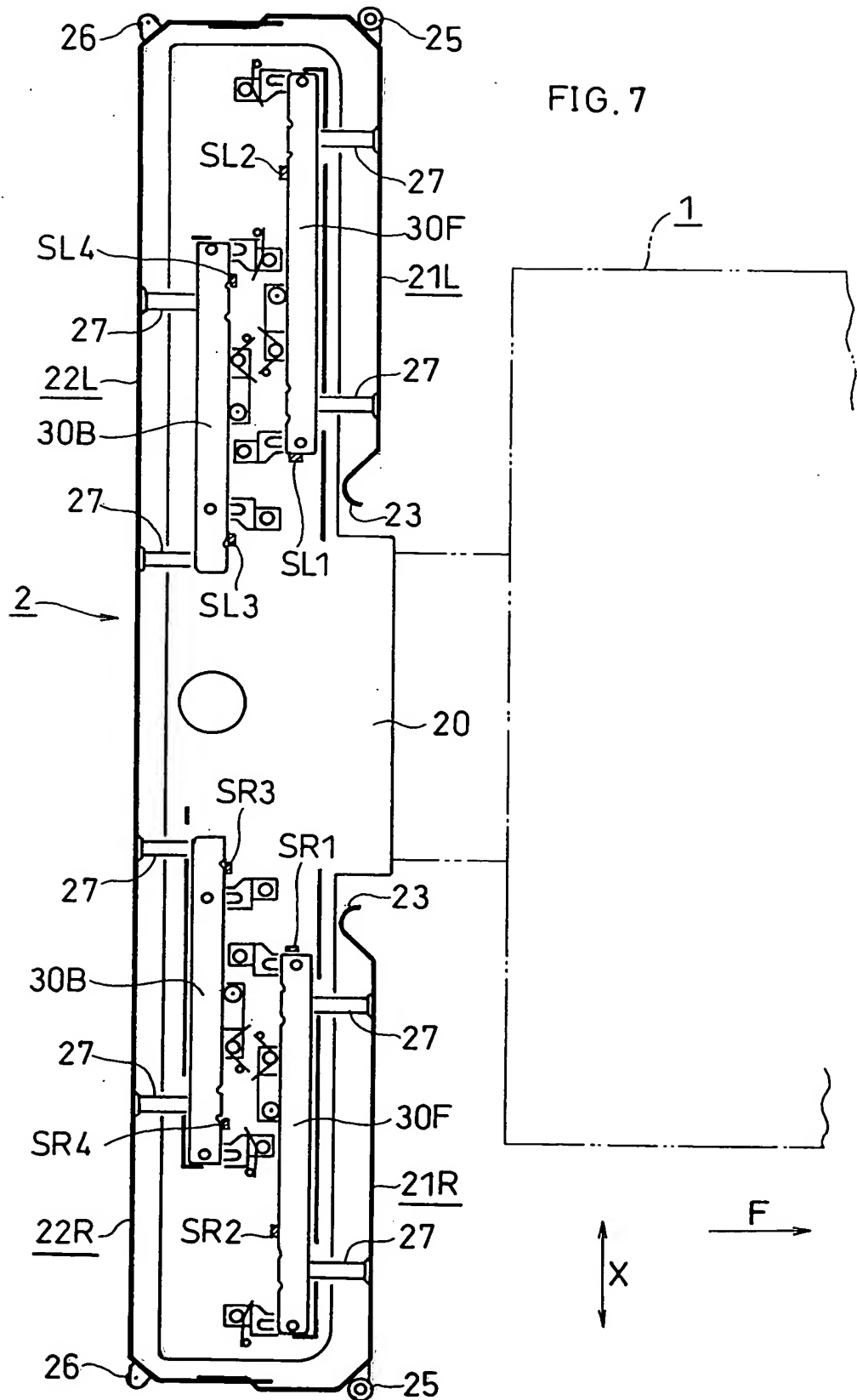


Fig. 1 is a schematic diagram of a mechanical assembly in a cross-sectional view. The assembly is housed within a frame 20. It features a central vertical shaft 27 with various components. At the top, there is a component 32a connected to a lever 30a, which is part of a mechanism labeled SR4(SL4). Below this, another lever 30a is connected to a component 32, which is part of a mechanism labeled SR2(SL2). Further down, a component 34 is connected to a lever 30a, which is part of a mechanism labeled SR3(SL3). At the bottom, a component 31a is connected to a lever 30a, which is part of a mechanism labeled SR1(SL1). The assembly is supported by a base 26 and a top 25. A force F is applied to the right, and a coordinate system with X and Y axes is shown.

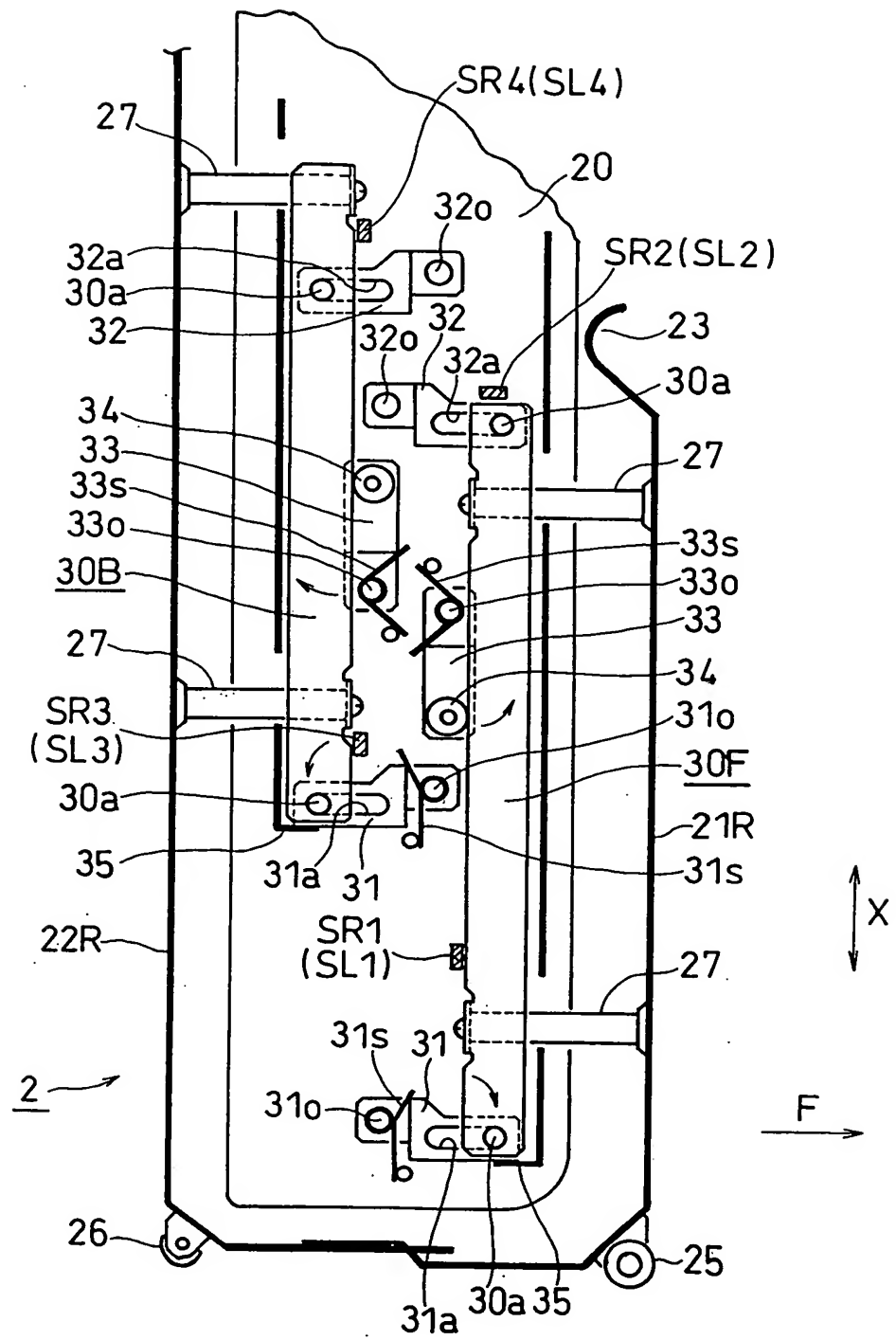


FIG. 9

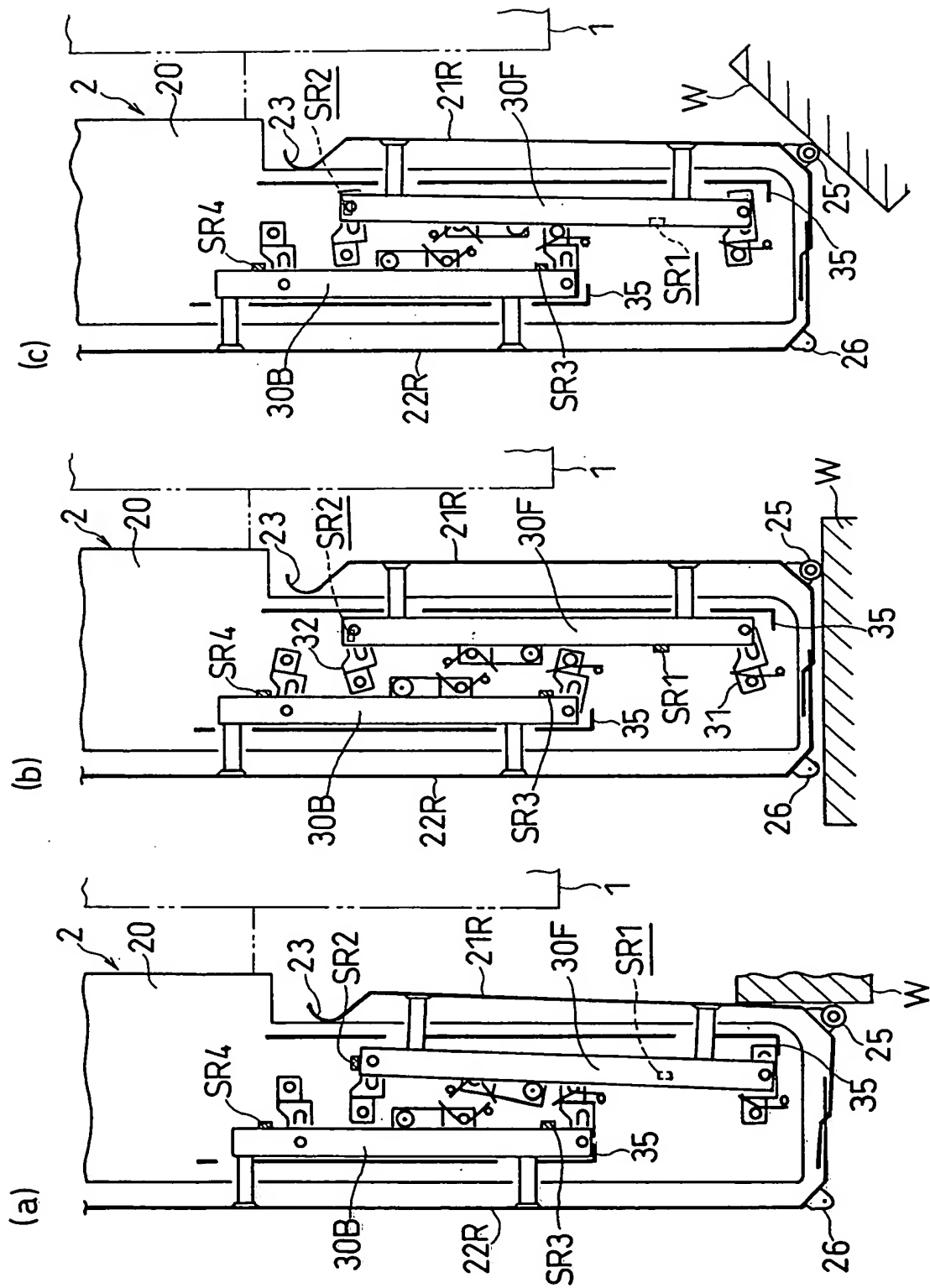


FIG.10

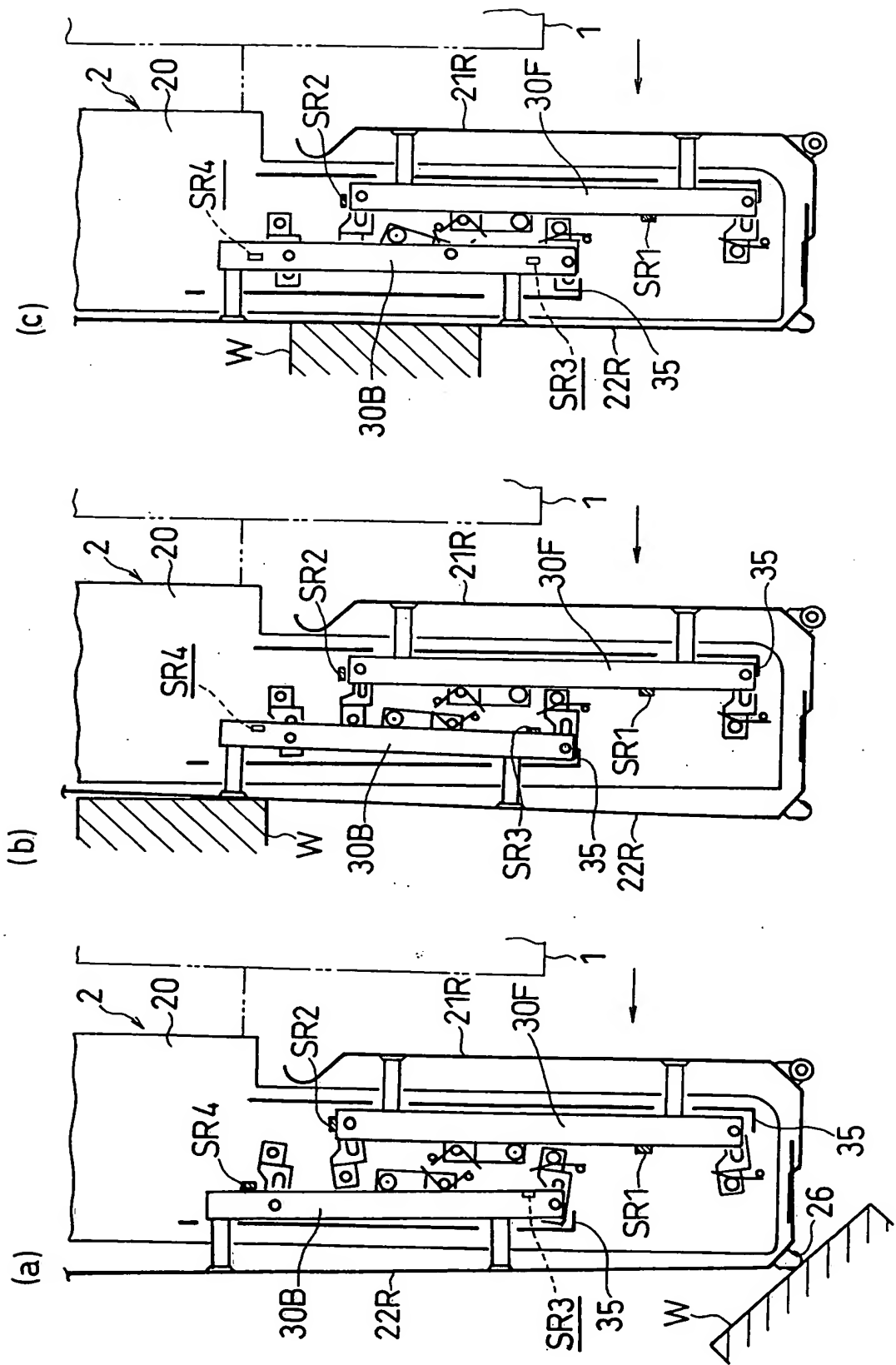


FIG.11

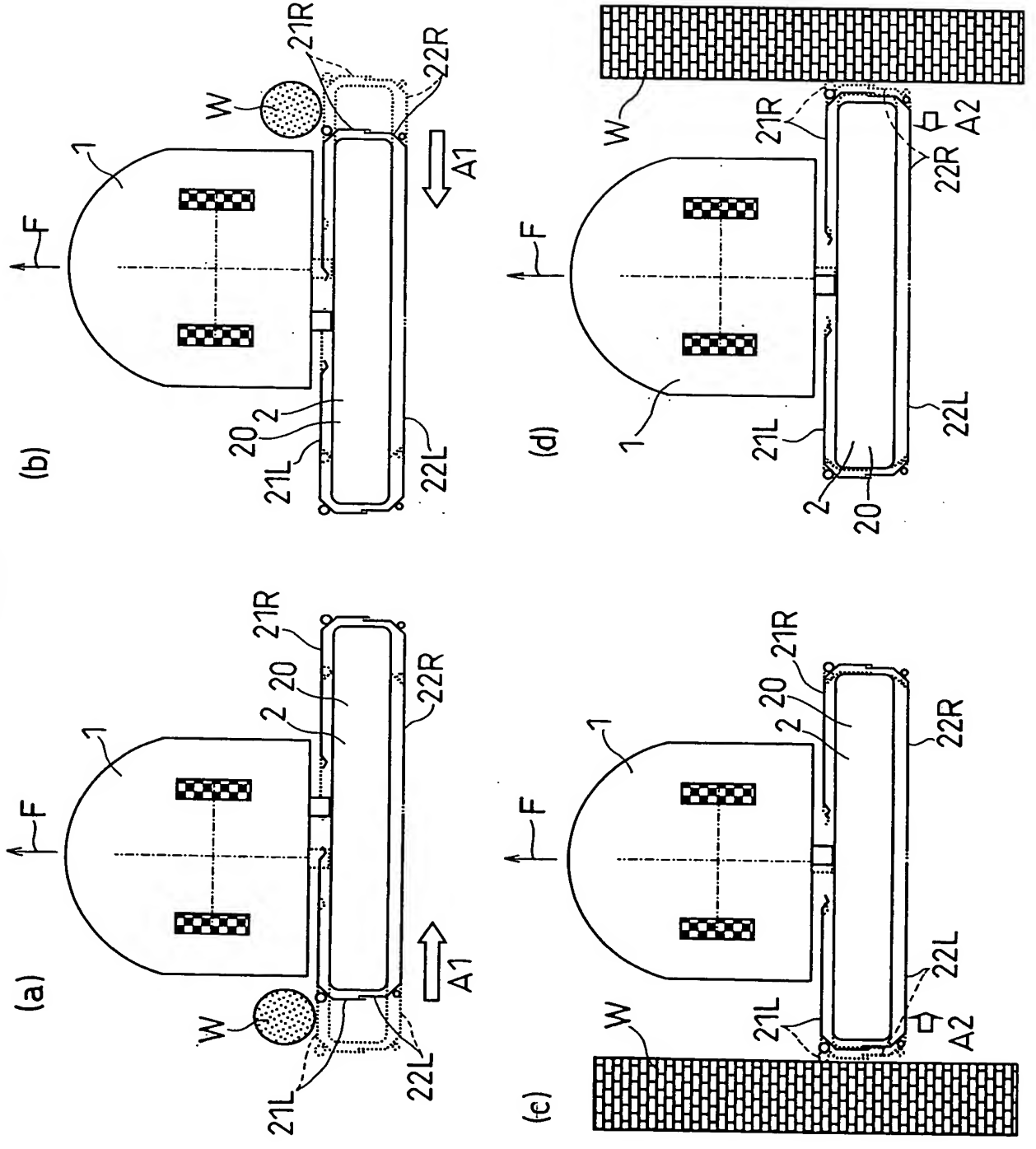


FIG.12

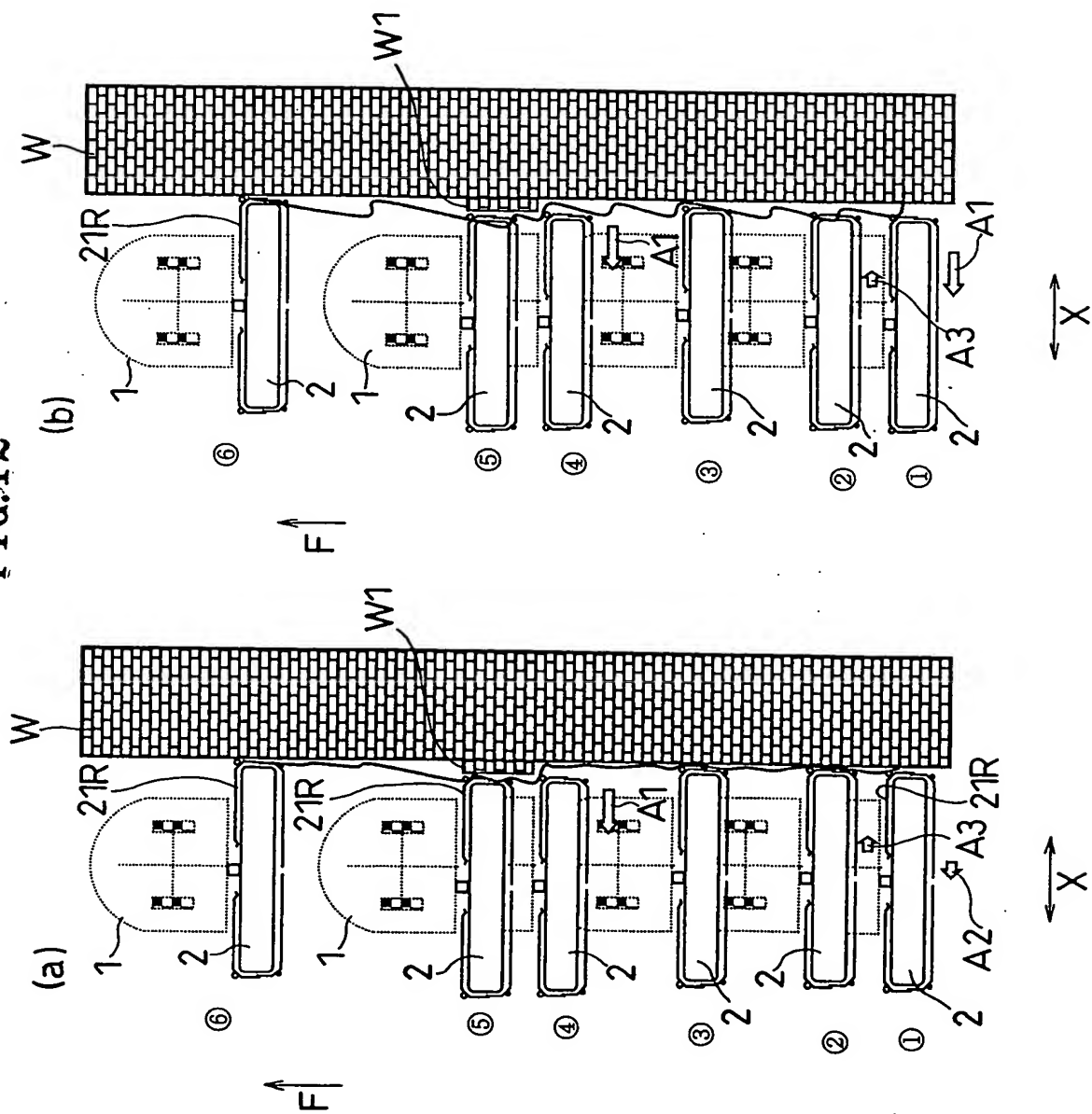


FIG.13

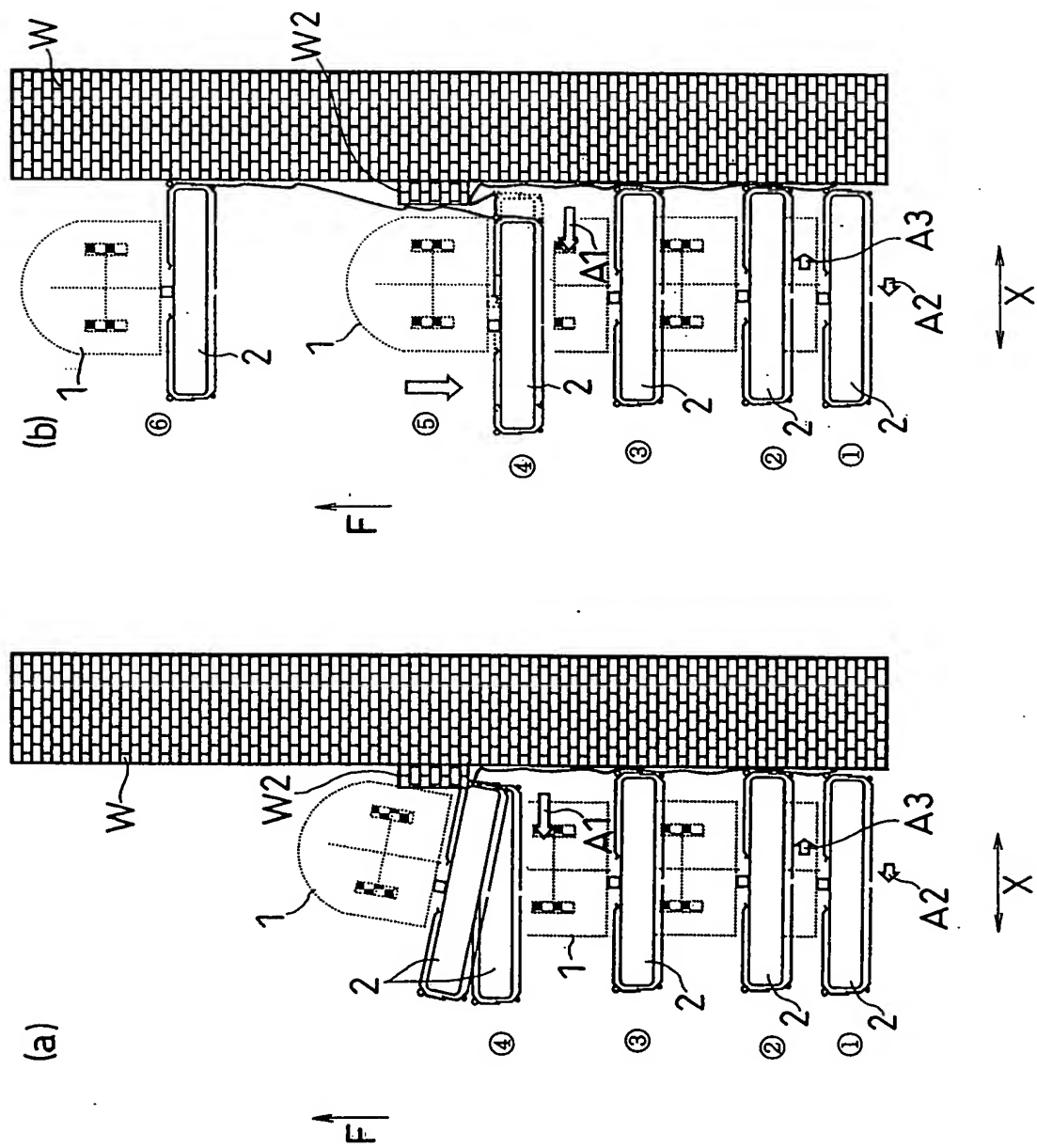


FIG.14

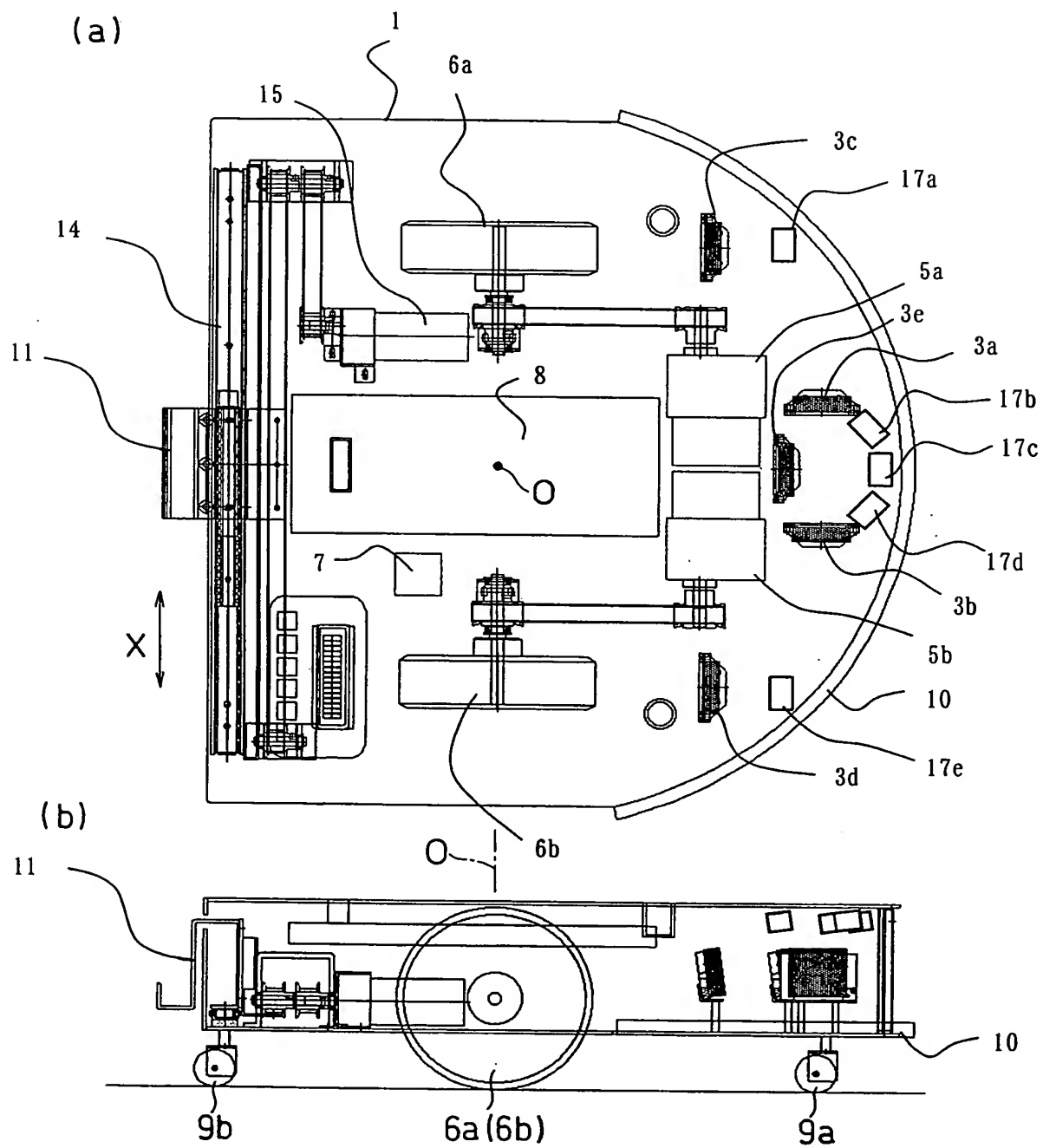
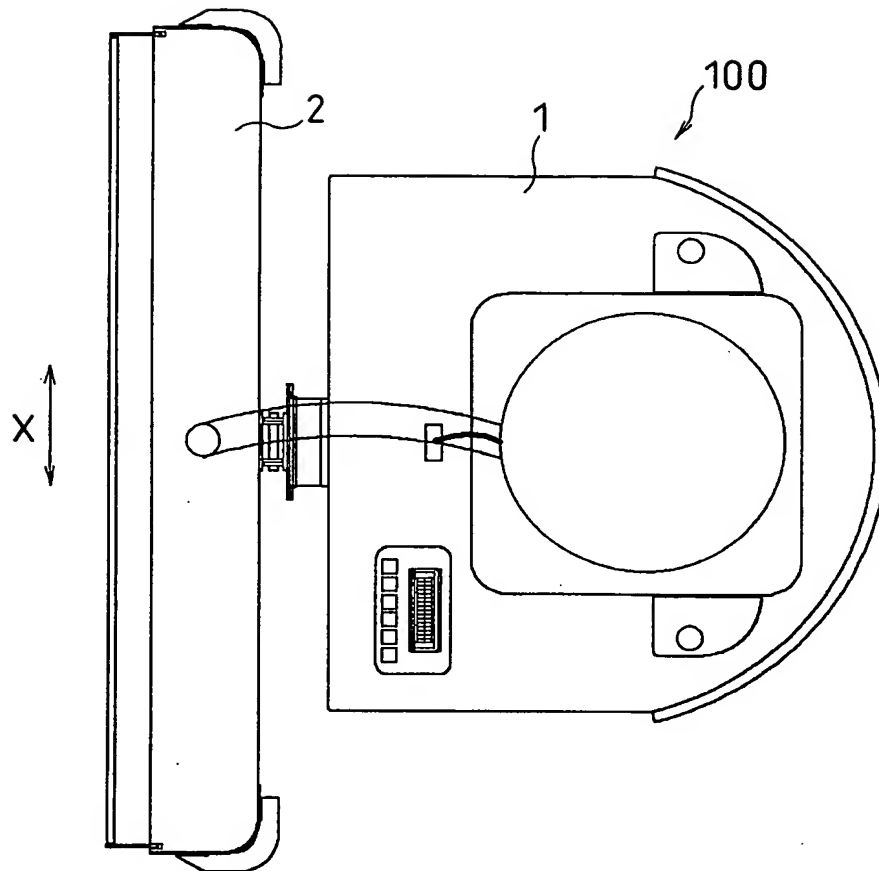


FIG.15

(a)



(b)

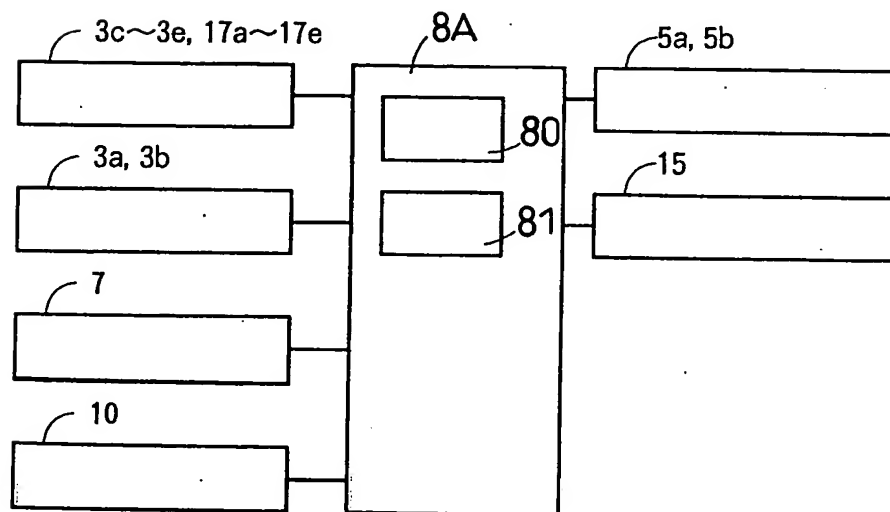


FIG.16

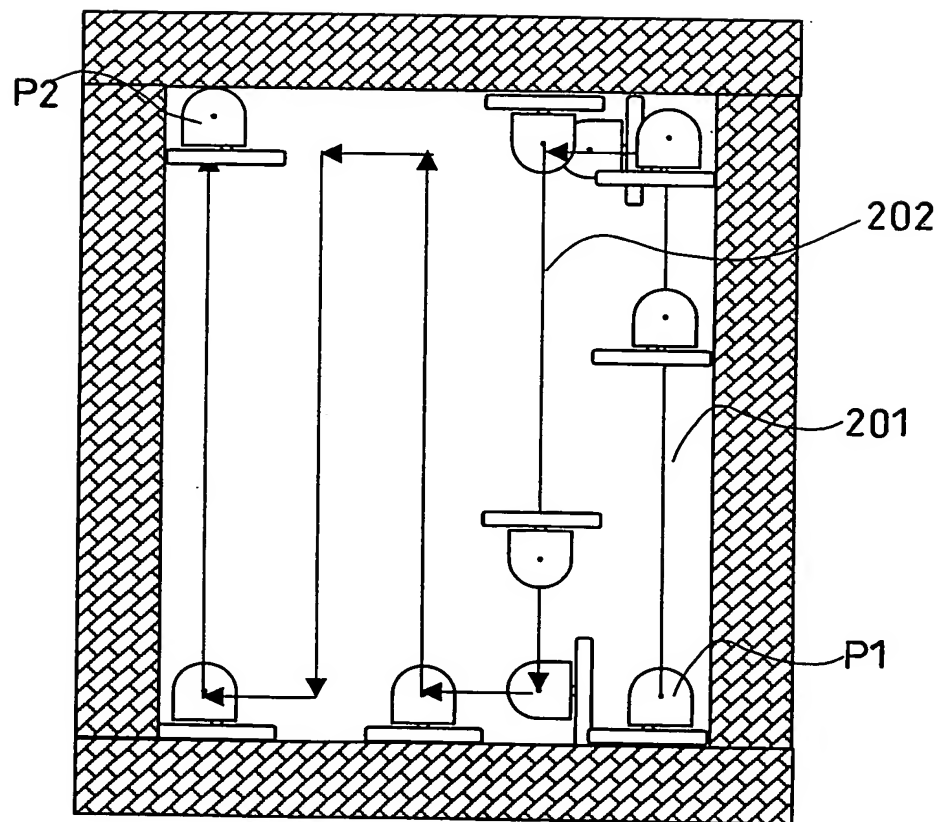


FIG. 17

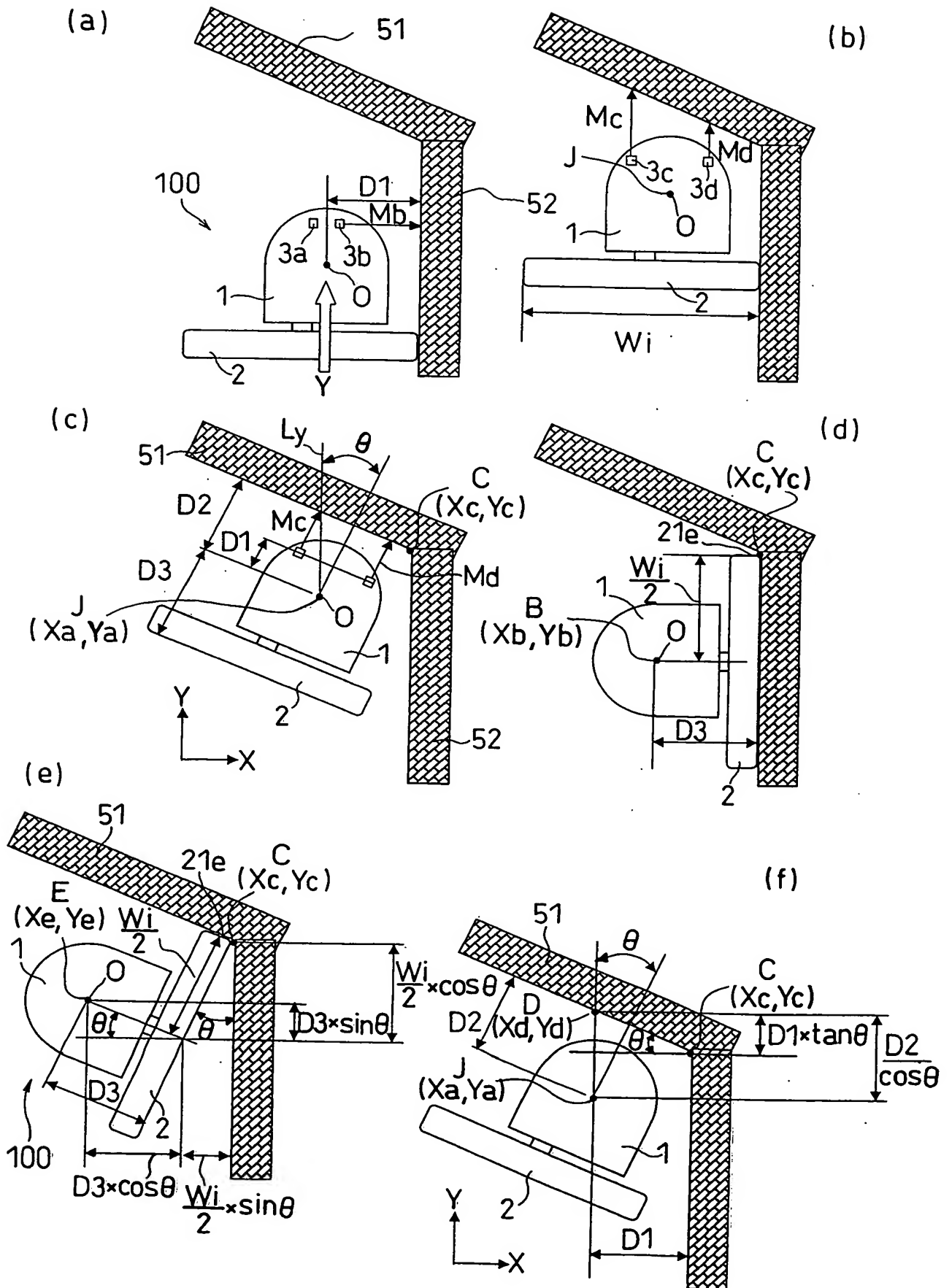


FIG. 19

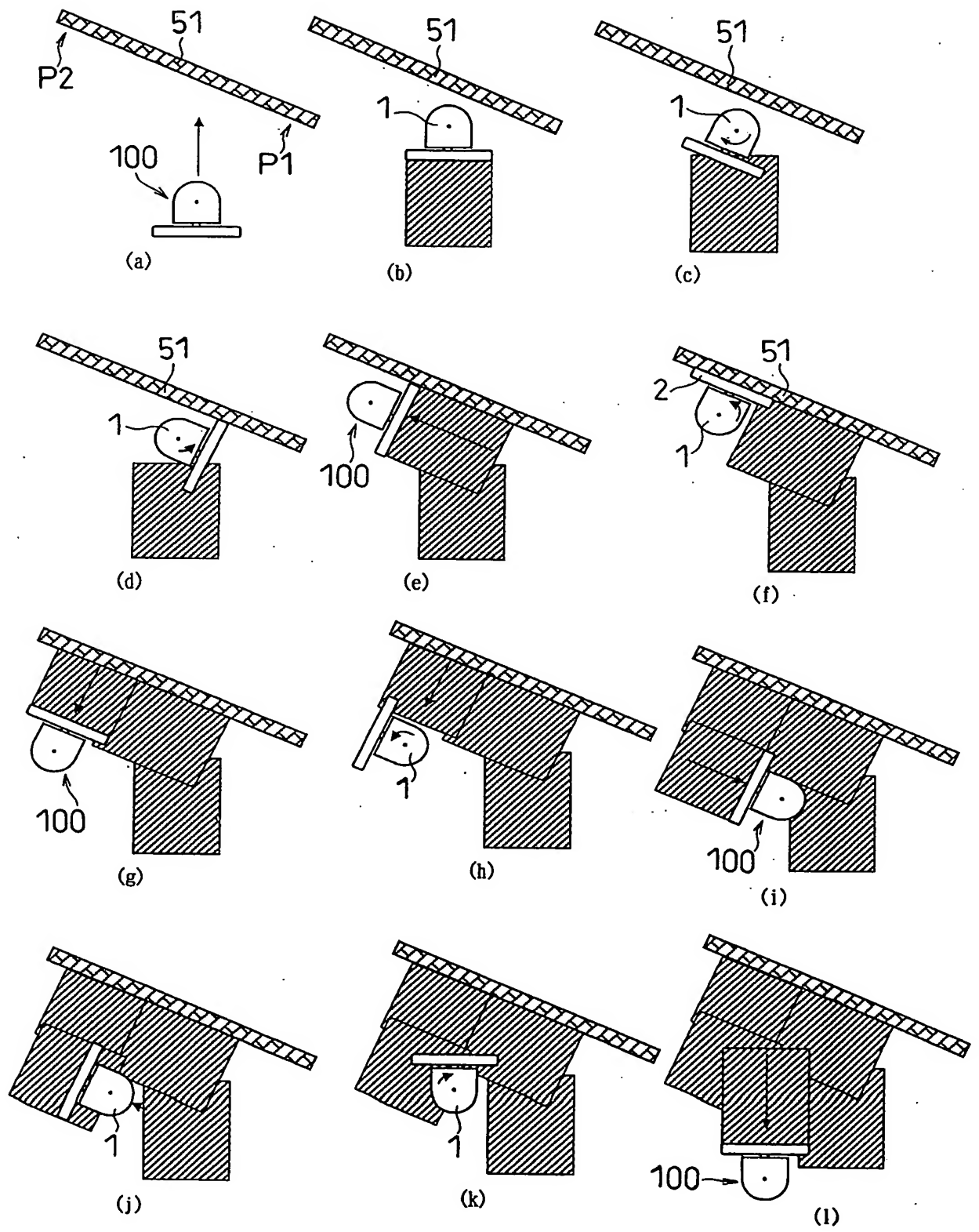


FIG.20

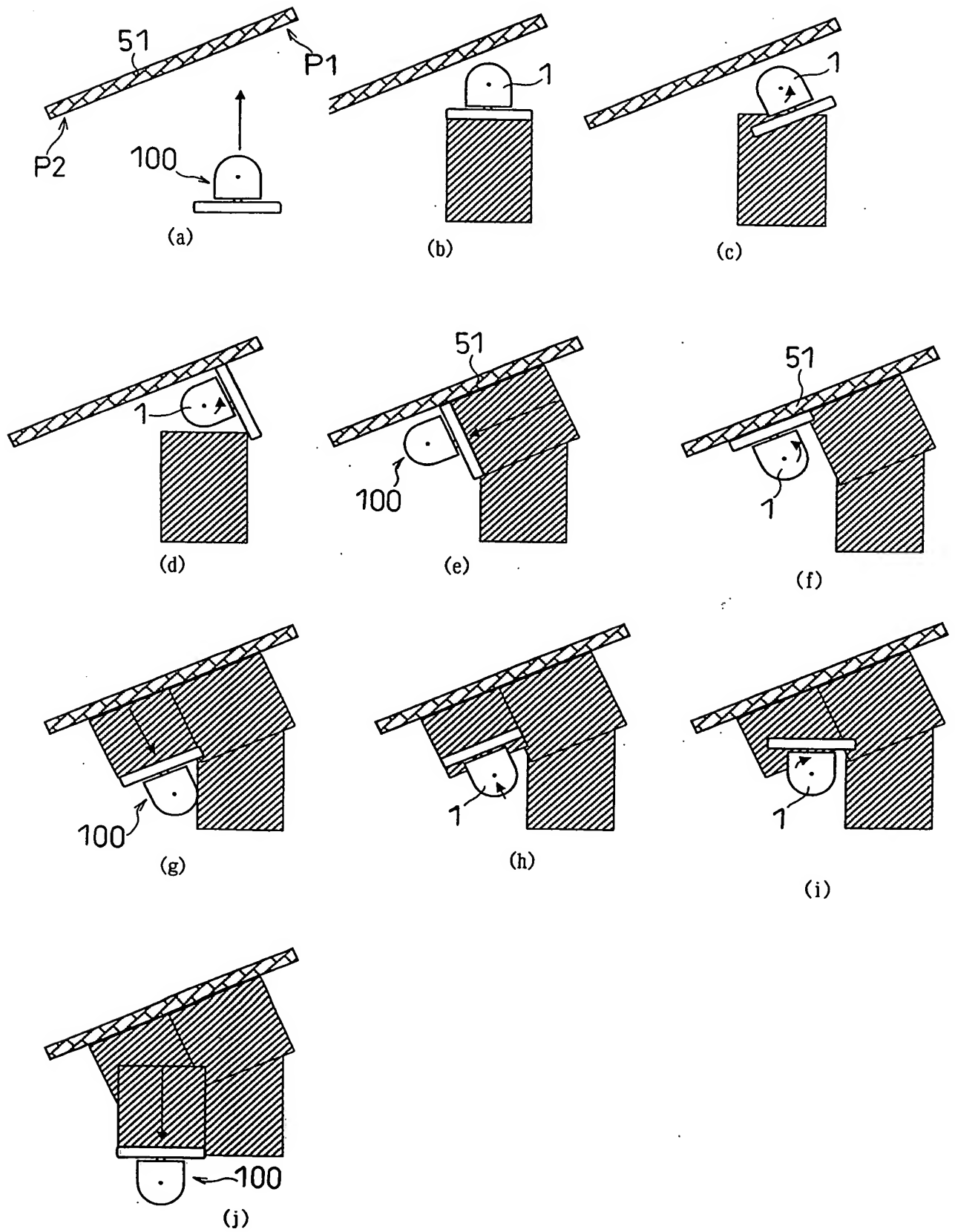


FIG.21

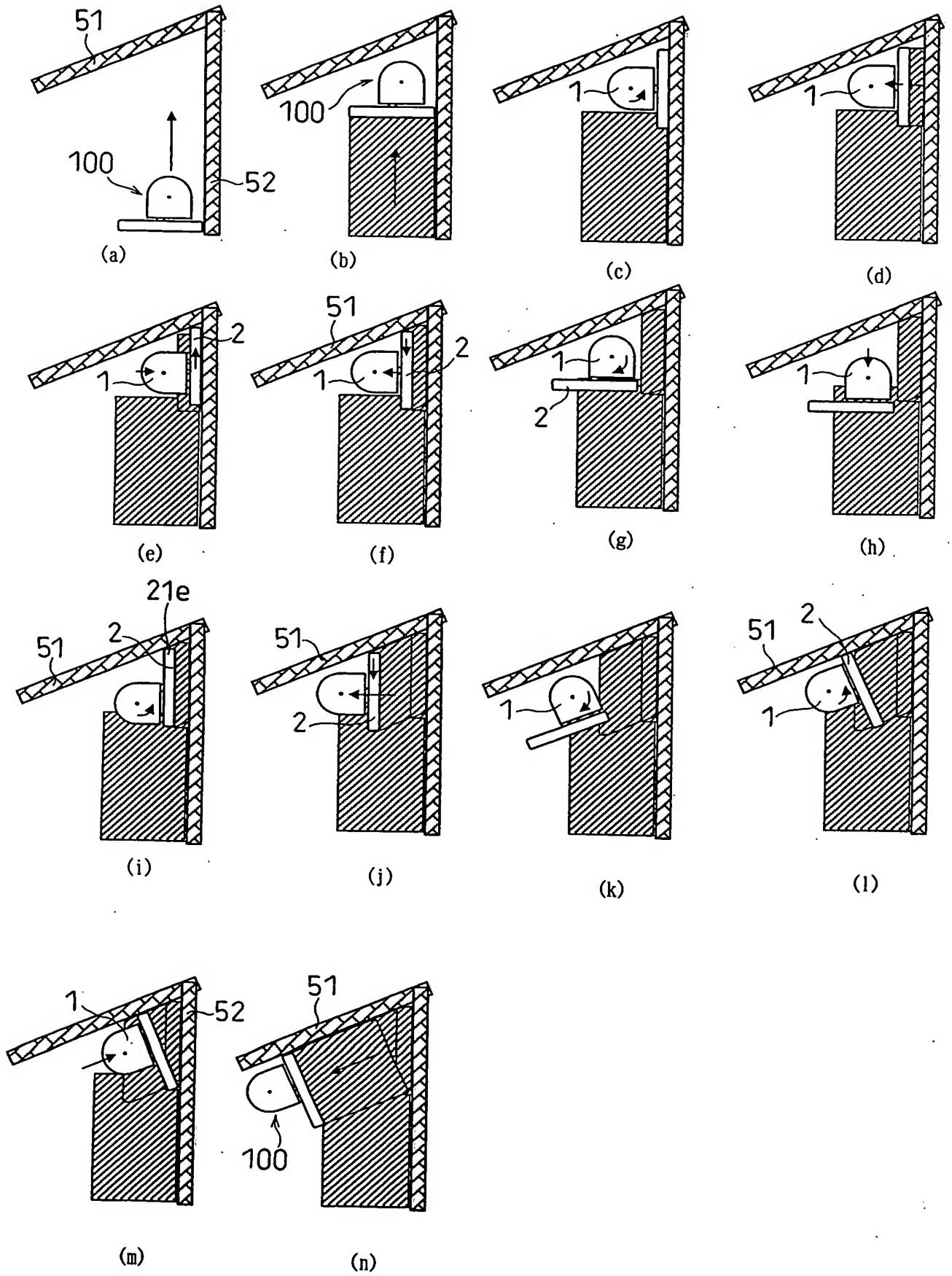


FIG.22

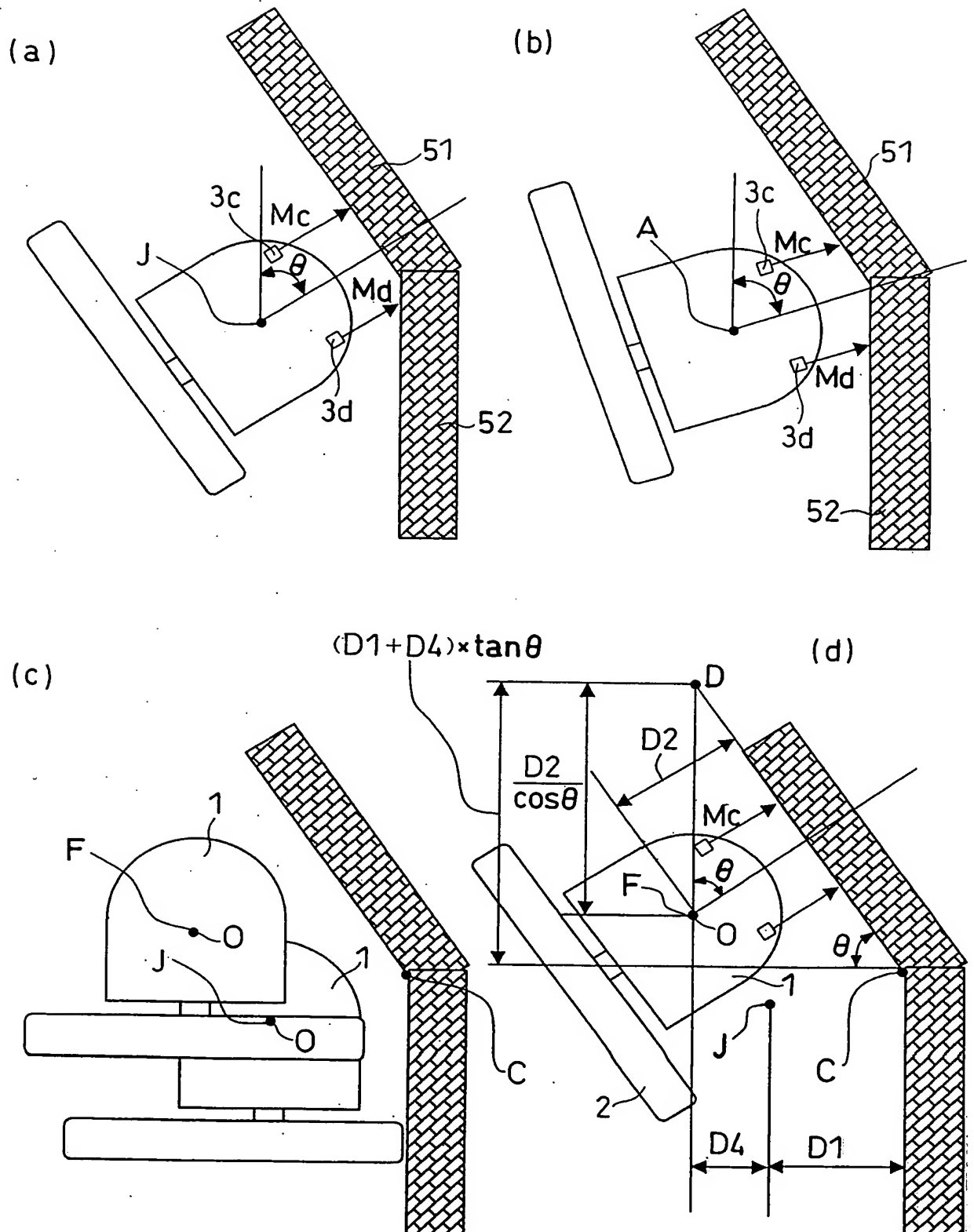


FIG.23

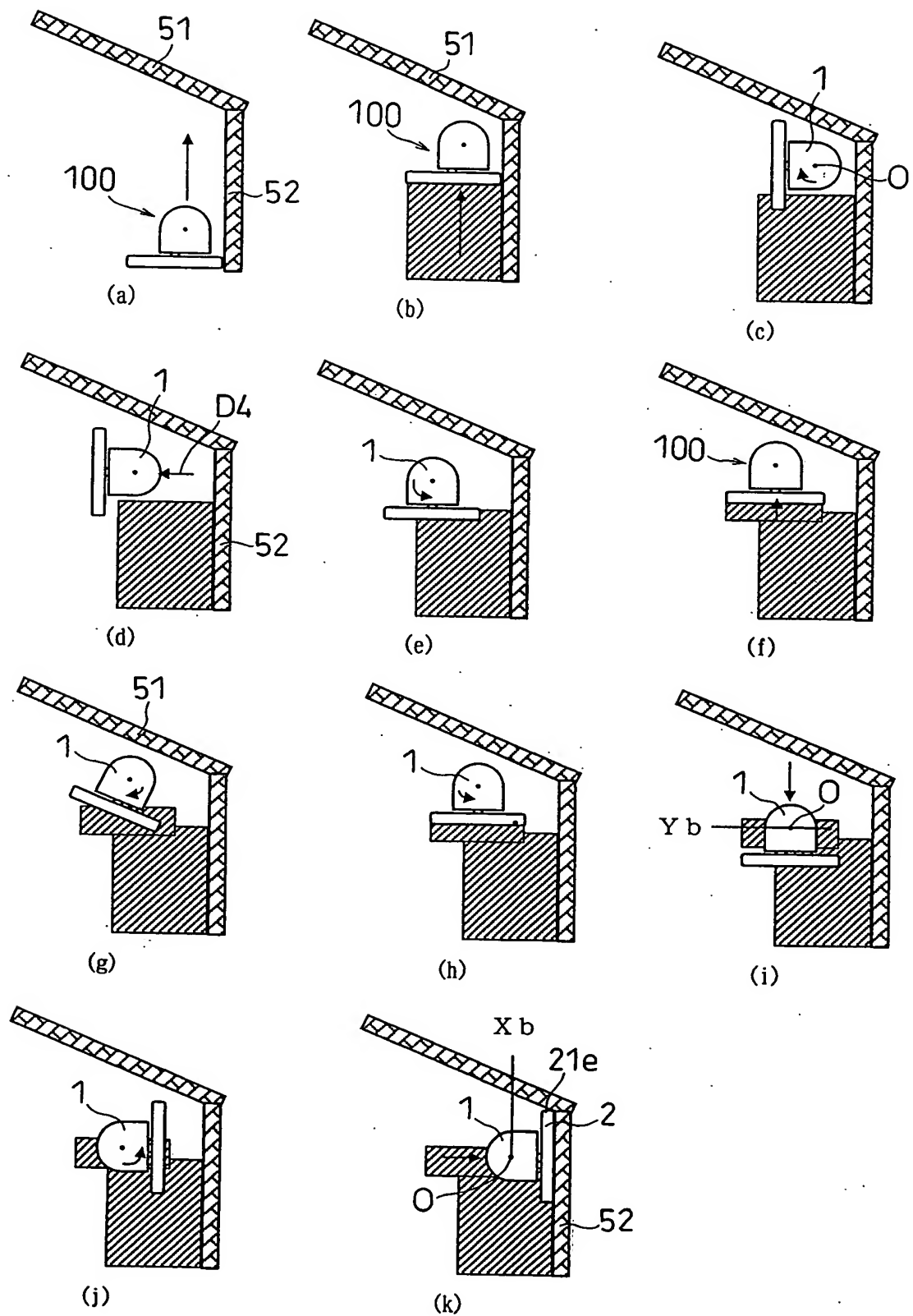
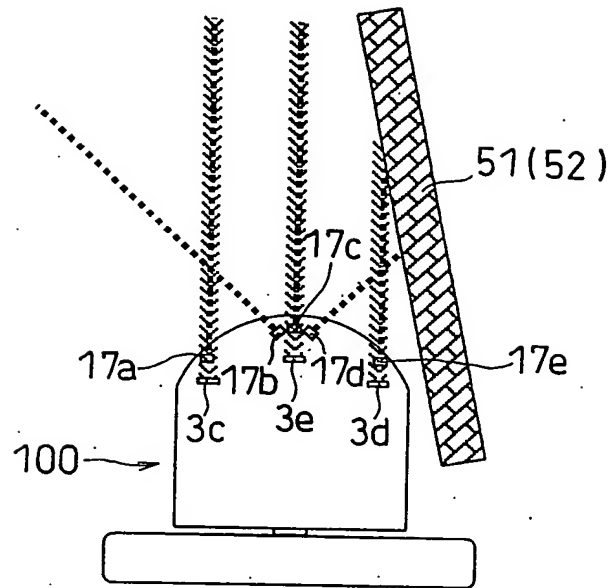


FIG.24

(a)



(b)

